KONICA MINOLTA

PagePro 1300 MF SERIES

Technical Guide

PagePro 1390 MF

PagePro 1380 MF

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December 2005

PagePro 1390 MF

PagePro 1380 MF

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KONICA MINOLTA PagePro 1380 MF and PagePro 1390 MF laser all-in-ones.

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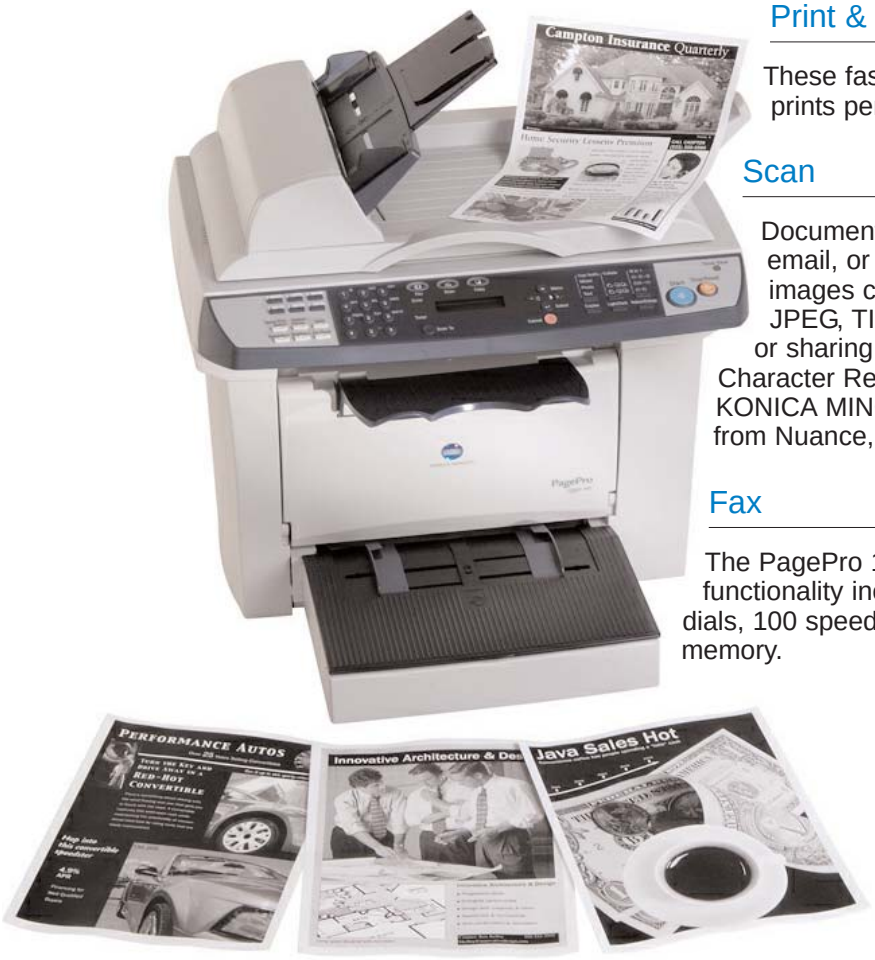
PagePro 1390 MF

PagePro 1380 MF

Introduction

PagePro 1380 MF—Print, copy, and scan
PagePro 1390 MF—Print, copy, scan, and fax

Staying ahead of the competition requires efficient time and money management. That's why the KONICA MINOLTA PagePro™ 1300 MF laser all-in-ones are indispensable tools for the busy home office or small business professional. The PagePro 1380 MF combines professional printing, copying, and scanning in one versatile and cost-effective document center. The PagePro 1390 MF adds full fax functionality to the package.



PagePro 1390 MF

Print & Copy

These fast compact all-in-ones deliver 21 laser-quality prints per minute and 20 copies per minute

Scan

Documents up to 8.5" x 14" can be scanned to a PC, email, or a common software application. Scanned images can be edited, annotated, and saved in PDF, JPEG, TIFF, and other file formats for easy file archiving or sharing. Or convert them to editable text via Optical Character Recognition (OCR). Two scanning utilities, KONICA MINOLTA LinkMagic and ScanSoft PaperPort SE from Nuance, are bundled with the all-in-ones.

Fax

The PagePro 1390's stand-alone 33.6 Kbps Super G3 fax functionality increases productivity by featuring 12 one-touch dials, 100 speed dials, group dial, broadcast, and 3.5 MB of fax memory.

Specs at a Glance

An overview of the features of the PagePro 1380 MF and PagePro 1390 MF. Differences are highlighted in red.

	PagePro 1380 MF	PagePro 1390 MF
Print Method	Electrophotographic color laser	Electrophotographic color laser
Processor	ARM946E-S, 150 MHz	ARM946E-S, 150 MHz
Print		
Speed	Up to 21 ppm (letter/A4)	Up to 21 ppm (letter/A4)
Resolution	600 x 600 dpi	Up to 1200 x 600 dpi
Copy		
Speed	Up to 20 cpm (letter/A4)	Up to 20 cpm (letter/A4)
Resolution	600 x 600 dpi	600 x 600 dpi
Scan		
Speed	12 sec/pg monochrome	12 sec/pg monochrome
	50 sec/pg color	50 sec/pg color
Color Depth/Resolution	24-bit color at up to 1200 x 1200 dpi	24-bit color at up to 1200 x 1200 dpi
Drivers	TWAIN and WIA	TWAIN and WIA
Utilities	KONICA MINOLTA LinkMagic	KONICA MINOLTA LinkMagic
	ScanSoft PaperPort SE from Nuance*	ScanSoft PaperPort SE from Nuance*
Fax	N/A	33.6 Kbps Super G3
Duty Cycle	Up to 15,000 letter or A4 prints/month	Up to 15,000 letter or A4 prints/month
Memory	32 MB	48 MB
Interface	Hi-Speed USB 2.0	Hi-Speed USB 2.0
Media Input	250-sheet multipurpose tray	250-sheet multipurpose tray
	Single-sheet feeder	Single-sheet feeder
		50-sheet Automatic Document Feeder
Media Output	100-sheet face-down tray	100-sheet face-down tray
Media Sizes	Up to legal (8.5" x 14" / 216 x 356 mm)	Up to legal (8.5" x 14" / 216 x 356 mm)
Media Types	Plain/recycled paper, glossy stock,	Plain/recycled paper, glossy stock,
	thick stock, transparencies, postcards,	thick stock, transparencies, postcards,
	laser-quality labels, envelopes	laser-quality labels, envelopes
Media Weights	Up to 90 lb. Index (163 g/m2)	Up to 90 lb. Index (163 g/m2)
Warranty	One-year exchange	One-year exchange

* The PaperPort SE software has a single-user license. Additional licenses are available for purchase.

PagePro 1390 MF

PagePro 1380 MF

Target Markets

A perfect fit for SOHO and SMB.

PagePro 1390 MF—Print, copy, scan, and fax

Use the PagePro 1300 MF all-in-ones for any home and business documents:

- Brochures
- CD-ROM & mailing labels
- Daily correspondence
- Envelopes
- Email
- Flyers
- Handouts
- Homework
- Invoices
- Newsletters
- Reports
- Sales reports
- Spreadsheets

The versatile PagePro 1380 MF and PagePro 1390 MF laser all-in-ones are ideal for small and home offices, remote and virtual offices, and small departments within larger businesses. They are amazingly cost-effective, yet provide the essential business functions required everyday in one compact and stylish unit.

Those faced with the following problems are sure to benefit from the PagePro 1300 MF all-in-ones:

❑ Limited space

Small and home offices that have limited space but still require the functionality of several office machines will discover that the PagePro 1300 MF all-in-ones are a perfect fit for their workspace.

❑ Too many office machines to maintain

A one-product solution for several essential business functions means less time and money spent maintaining separate machines.

❑ Lack of privacy

Individuals who require private document management will find that the PagePro 1300 MF all-in-ones are perfect desktop solutions.

❑ Lack of tools or the wrong tools for document creation

For parents and students doing homework or other school-related activities, the PagePro 1300 MF all-in-ones are complete document production centers.

❑ Aging technologies

The PagePro 1300 MF all-in-ones are ideal for homes and offices upgrading or replacing existing black & white printers, fax-machines, and fax-based MFPs.

Key Features

The PagePro 1300 MF all-in-ones provide the tools you need to maximize your productivity.

Long-lasting, laser-quality prints are only pennies a page.

Fast, Compact, and Cost-Effective

Because the PagePro 1300 all-in-ones weigh less than 30 lbs and take up less desk space than an average computer monitor, work areas remain professional-looking and clutter-free. These machines are competitively priced, and they're cost-effective to own because it's no longer necessary to purchase and maintain supplies for multiple office machines.

Powerful, High-Speed Laser Quality

Equipped with 48 MB of RAM, the powerful and compact PagePro 1390 MF delivers a speedy 21 prints per minute and 20 copies per minute, regardless of the resolution chosen. First-print-out speed is 14 seconds while the first-copy-out time is 17 seconds.

The PagePro 1380 MF has 32 MB of RAM but delivers prints and copies at the same speed. First-print-out speed is 17 seconds, and the first-copy-out time is 19 seconds.

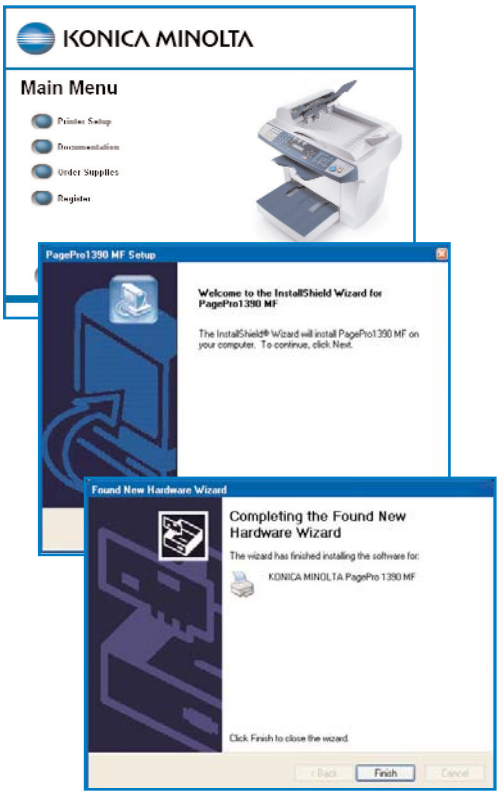
Documents and photographs can be scanned as fast as 12 seconds per page in black & white or 50 seconds per page in 24-bit color.

The PagePro 1390 MF also boasts 33.6 Kbps Super G3 fax capability and 3.5 MB of fax memory.

The PagePro 1380 MF and PagePro 1390 MF both provide a 'Plug and Play' Hi-Speed USB 2.0 interface and feature a duty cycle of up to 15,000 prints per month. They are compatible with Windows XP, 2000, Me, and 98SE operating systems.

PagePro 1390 MF

PagePro 1380 MF



The auto-run program automatically installs drivers and utilities.

Easy Setup and Use

Ease-of-use features are built into the PagePro 1300 MF all-in-ones.

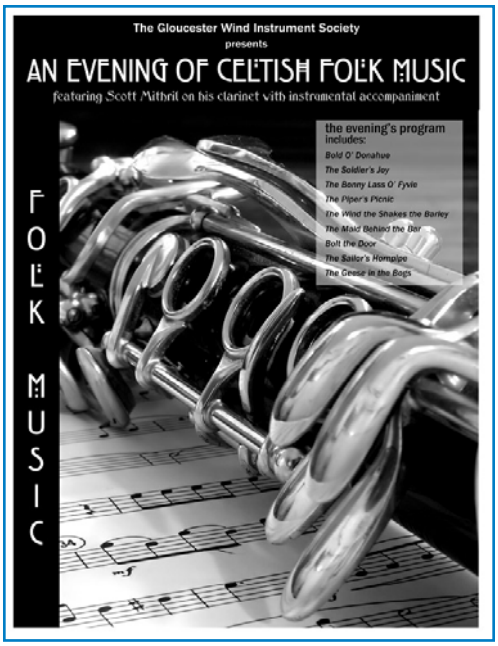
- ❑ **Auto-run installation software**: The *Utilities & Documentation* CD-ROM includes an auto-run program that makes setup simple, guiding you quickly through the installation process.
- ❑ **Convenient front access to supplies**: The PagePro 1300 MF all-in-ones use only two supplies—a toner cartridge and a drum cartridge. Convenient front access makes replacement of supplies a snap.
- ❑ **One-touch control panel functions**: Intuitive one-touch keys on the control panel put functionality right at your fingertips. In addition, the PagePro 1390 MF increases fax productivity by providing 100 speed dials, 12 one-touch dials, 6 group dials (with 64 stations/group), and 168 broadcast stations.
- ❑ **Automatic document feeder**: The 50-sheet automatic document feeder provides time-saving, unattended copying, scanning, and (PagePro 1390 MF only) faxing. The automatic document feeder is optional on the PagePro 1380 MF.
- ❑ **LCD window**: The LCD window on the control panel displays copy settings; print, copy, and fax configuration; toner supply; and status messages.
- ❑ **Reports**: Configuration, Menu Map, and Usage reports are easily available through the control panel. A Fax Activity Report and Phone Book are also available on the PagePro 1390 MF.

Flexible Media Handling

The flexible media handling of the PagePro 1380 MF/ 1390 MF turns any desktop into a virtual “printshop.” With the 250-sheet multipurpose tray you can print and copy on a wide variety of media sizes, from postcard (3.9" x 5.8") to legal (8.5" x 11"). In addition, these all-in-ones handle all common types of office media—including plain paper, thick stock, transparencies, labels, and envelopes—to conveniently produce reports, brochures, and other important business and personal documents.

For versatile copying and scanning, the flatbed glass supports documents up to 8.5" x 11.69", and the automatic document feeder (optional on the PagePro 1380 MF) supports documents up to 8.5" x 14".

The PagePro 1390 MF offers stand-alone fax functionality that makes sharing information and proofing documents a snap.



The PagePro 1300 MF all-in-ones produce solid blacks, crisp text, detailed photographs, and smooth grayscale shadings.

All copy customization functions are available through one-touch keys on the control panel.

Perfect Prints, Clean Copies, Sharp Scans, and Flawless Faxes

The PagePro 1300 MF all-in-ones take an award-winning KONICA MINOLTA monochrome laser print engine design to a new level. They deliver professional laser-quality prints copies, scans, and (PagePro 1390 MF) faxes that are sure to impress.

Print Quality

The PagePro 1300 MF all-in-ones deliver perfect print quality for any type of document. The following resolutions are available:

- ❑ PagePro 1380 MF 600 x 600 dpi
- ❑ PagePro 1390 MF 1200 x 600, 600 x 600 dpi

Copy Quality

The copy resolution is

- ❑ 600 x 600 dpi

Copy quality can be enhanced by specifying the type of document (text, photo, mixed) being copied as well as by adjusting lightness and density. Copies can also be easily be resized by using the 25-400% zoom function. All features are available through one-touch keys on the control panel.

Scan Quality

Using the Link Magic and PaperPort SE scanning utilities bundled with these all-in-ones, documents and photos can be scanned in black-and-white or 24-bit color. Scanned documents can be annotated, edited, saved in PDF, JPEG, and TIFF format, and converted to editable text.

Two scan resolutions are available:

- ❑ 1200 x 1200 dpi
- ❑ 600 x 600 dpi

Fax Quality (PagePro 1390 MF)

Four fax resolutions are available. Fax brightness can also be adjusted.

- ❑ Standard
- ❑ Fine
- ❑ Super Fine
- ❑ Photo

PagePro 1390 MF

PagePro 1380 MF

"This guy knew his stuff and told me exactly what to do. I told him he was my hero! I have never received this level of customer support. It was great! Thank you!" —R. LeGrand

Free Technical Support

With 5 years of free US-based KONICA MINOLTA Technical Support, you never have to wait to have your questions answered. Average response time is less than 1 minute during normal business hours.

Technical support is available in three different ways:

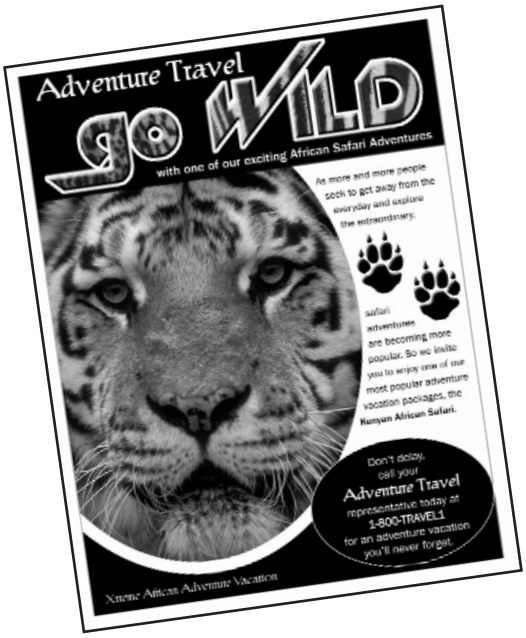
- **Answer Base**: The Answer Base provides 24-Hour Online Help. Answers to hundreds of common questions and diagnostic advice for all of our printers and all-in-ones are available at printer.konicaminolta.com/support.

- **Email**: If you can't find the answer you need in the Answer Base, contact one of our Support Engineers via email at http://printer.konicaminolta.com/support/supportmail/index.html.

- **Telephone**: If you would rather talk to a KONICA MINOLTA Technical Support engineer, call (877) 778–2687. Check current business hours at printer.konicaminolta.com/support.

Engine

Excellent print quality and performance.



The PagePro 1300 MF all-in-ones deliver the quality and reliability that are hallmarks of the award-winning PagePro 1350W print engine.

Type

The PagePro 1300 MF all-in-ones are based on the award-winning monochrome laser engine used in the KONICA MINOLTA PagePro 1350W.

Duty Cycle

Maximum duty cycle is 15,000 letter/A4-size prints per month.

Print Speed

	Page Size	Speed	Notes
PagePro 1380 MF/1390 MF	Letter/A4	21 ppm	Plain paper

First-Print-Out Time*

	Page Size*	Time	Notes
PagePro 1380 MF	Letter/A4	17 seconds	Plain paper
PagePro 1390 MF	Letter/A4	14 seconds	Plain paper

* *From an idle, ready state*

Copy Speed

	Page Size*	Speed	Notes
PagePro 1380 MF/1390 MF	Letter/A4	20 ppm	Plain paper

First-Copy-Out Time*

	Page Size*	Speed	Notes
PagePro 1380 MF	Letter/A4	19 seconds	Plain paper
PagePro 1390 MF	Letter/A4	17 seconds	Plain paper

* *From an idle, ready state*

PagePro 1390 MF

PagePro 1380 MF

Operating Environment Conditions

Power supply	110–120 V, 50–60 Hz
Power consumption	900 W or less (operating) 80 W or less (standby) 15 W or less (Power Saving)
Temperature (operating)	50°–95° F (10 –35° C)
Humidity (operating)	15–85% RH
Noise	55 dB or less (operating) 45 dB or less (standby)

The PagePro 1380 MF and PagePro 1390 MF have the same compact footprint. THe PagePro 1390 MF is pictured here.

Weights and Dimensions

Weight—Shipping

PagePro 1380 MF	31.3 lbs (14.2 kg)
PagePro 1390 MF	36 lbs (16.4 kg)

Weight—All-in-One

	Without Consumables	With Consumables
PagePro 1380 MF	25.5 lbs (11.6 kg)	27.2 lbs (12.3 kg)
PagePro 1390 MF	27.9 lbs (12.7 kg)	29.7 lbs (13.5 kg)

Dimensions—Packaging

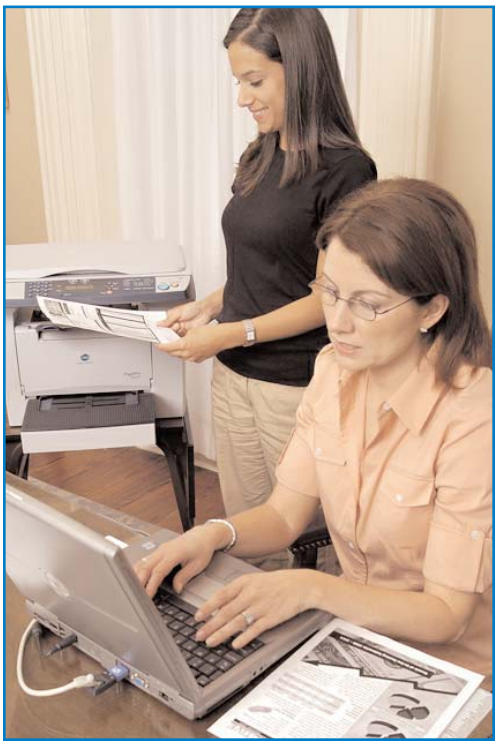
	Width	Depth	Height
PagePro 1380 MF	26.6" (675 mm)	23.6" (600 mm)	24.9" (632 mm)
PagePro 1390 MF	26.6" (675 mm)	23.6" (600 mm)	28.1" (714 mm)

Dimensions—All-in-One (Ready to Operate)

	Width	Depth	Height
PagePro 1380 MF	19.4" (492 mm)	18.9" (465 mm)	14.5" (369 mm)
PagePro 1390 MF	19.4" (492 mm)	18.9" (465 mm)	21.5" (547 mm)

Controller

The PagePro 1300 MF all-in-ones use the power of the PC operating system to provide fast, cost-effective performance.



Host Computer Requirements

PC Hardware	450 MHz Pentium III-class CPU
Operating System	Windows XP
	Windows 2000
	Windows Me
	Windows 98SE
PC Memory	128 MB (Windows XP)
	64 MB (Windows 2000/Me/98SE)
Hard Disk Space	64 MB
CD-ROM/DVD Drive	For drivers and utilities
Interface	Hi-Speed USB 2.0

Type

The PagePro 1380 MF controller includes 32 MB RAM on board while the PagePro 1390 MF controller provides 48 MB.

Processor

The PagePro 1380 MF and PagePro 1390 MF use the power of the host computer operating system for processing documents prior to printing. The controllers feature an ARM946E-S processor, operating at 150 MHz, for document imaging.

Printer Memory

The base memory is sufficient for all printing, copying, scanning, and (PagePro 1390 MF) faxing at all supported resolutions. Additional memory is not required. However, increasing the memory of the host computer may improve transmission speed and, thus, the overall performance of the all-in-one.

PagePro 1390 MF

PagePro 1380 MF

Compatibility

The PagePro 1380 MF and PagePro 1390 MF are compatible with the following operating systems:

- Windows XP/2000/Me/98SE

Connectivity

The following interface is available:

- The Hi-Speed USB 2.0 interface provides a 4-pin Series B connector. This “Plug and Play” interface supports Windows XP, 2000, Me, and 98SE.

Resolution

Print

- PagePro 1390 MF: 1200 x 600 dpi, 600 x 600 dpi
- PagePro 1380 MF: 600 x 600 dpi

Increasing or decreasing print resolution does not affect the speed of the engine or significantly affect the amount of toner used for printed output. The PagePro 1390 MF prints at full speed regardless of the print resolution chosen, and it provides a low cost per page even at the highest print quality selection.

Copy

- 600 x 600 dpi

Copy quality may be enhanced by adjusting such characteristics as lightness, density, and document type.

On the PagePro 1390 MF, documents can be copied, scanned, and faxed from either the flatbed glass or the automatic document feeder.

On the PagePro 1380 MF, documents can be copied and scanned from the flatbed glass. An optional automatic document feeder can be added for unattended copying and scanning.

Scanning

Scan quality is composed of bit depth and optical resolution.

Bit depth refers to the amount of digital information embedded in each pixel. The PagePro 1380 MF/1390 MF feature 24-bit color scans, which provide 16.7 million colors.

Optical resolution refers to the quality at which the scanner converts a paper image to a digital image. It is not the same as print resolution. The PagePro 1380 MF/1390 MF provide the following optical scan resolutions:

- ❑ 1200 x 1200 dpi
- ❑ 600 x 600 dpi

The resolution at which a document should be scanned depends upon a number of factors, including the size of the original item, the type of item (text, photograph, or a mixture of both), and the final size and purpose of the scanned image (print, web, etc.)

The PagePro 1380 MF and PagePro 1390 MF *User's Guides* provide helpful information on choosing a scan resolution. However, a good guideline is to choose a higher scan resolution for files that will be printed and a lower scan resolution for files that will be posted to the web. In addition, the higher the resolution, the larger the file size.

Fax—PagePro 1390 MF only

Four fax resolutions are available:

- ❑ Standard (STD.)—For documents containing normal text (such as handwriting). This is the default setting.
- ❑ Fine—For documents containing small text.
- ❑ Super Fine (S-Fine)—For documents containing detailed illustrations, such as newsletters.
- ❑ Photo—For documents with color shading, such as photos.

The higher the resolution, the longer the document takes to transmit.

PagePro 1390 MF

PagePro 1380 MF

Media Handling

The PagePro 1300 MF all-in-ones support the media types and sizes that busy offices require.

The single-sheet manual-feed tray sits on top of the multipurpose tray.

The output tray is located under the scanning unit.

Standard Media Handling

The PagePro 1300 MF all-in-ones provide two media input trays. Both trays accommodate all supported media types and sizes.

- ❑ 250-sheet multipurpose tray
- ❑ Single-sheet manual-feed tray

Printed pages are delivered face down into the 100-sheet output tray.

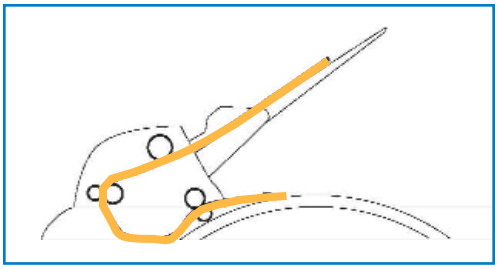
Supported Media Types

The PagePro 1300 MF all-in-ones support the media types most commonly used for business and home applications. For a complete list of approved media, go to printer.konicaminolta.com.

Media Type	Specifications	Driver Setting
Normal paper	16–24 lb (60–90 g/m^2)	Plain Paper
Recycled paper	16–24 lb (60–90 g/m^2)	Plain Paper
Envelopes	25–43 lb bond* (91–163 g/m^2)	Envelope
Labels (sheet)	Supported*	Thick Paper
Letterhead	16–24 lb (60–90 g/m^2)	Plain Paper
Postcards	16–43 lb (60–163 g/m^2)	Thick Paper
Thick stock	25–43 lb bond** (91–163 g/m^2)	Thick Paper
Transparencies	KONICA MINOLTA Q-Media	Transparency

* Must be certified for laser printers and capable of withstanding fusing temperature of 401° F (205° C)

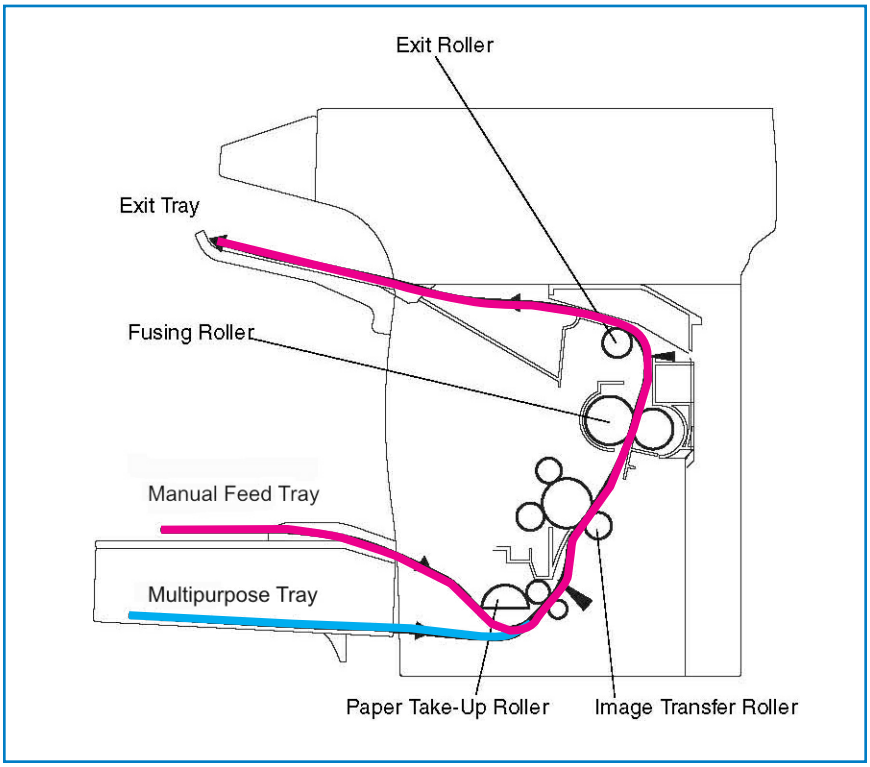
** 43 lb bond is also referred to as 90 lb index



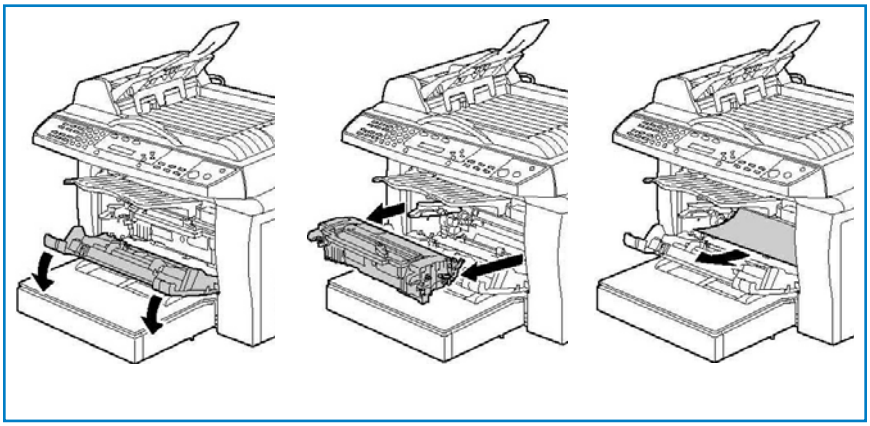
The automatic document feeder also features a C-shaped media path.

Media Path

The PagePro 1300 MF all-in-one media path follows a C-shaped curve, allowing it to support thick stock media.



To remove a media jam, open the front cover and remove the toner/drum cartridge.



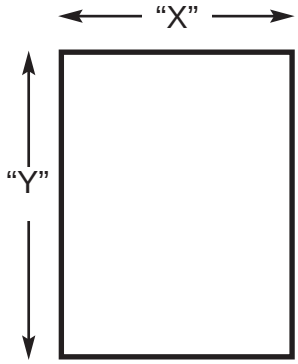
Imageable Area

- ❑ Guaranteed print width—Up to 8.19" (208 mm)
- ❑ Guaranteed print length—Up to 13.7" (347.6 mm) monochrome
- ❑ Non-printable area—0.16" (4 mm) from all page edges

PagePro 1390 MF

PagePro 1380 MF

Supported Media Sizes



The table at the right refers to X and Y dimensions of the media as diagrammed above.

Media Type & Size	x-Dimension	y-Dimension
Cut-Sheet Paper		
A4	210 mm	297 mm
A5	148 mm	210 mm
B5 (JIS)	182 mm	257 mm
Executive	7.25"	10.5"
Folio	210 mm	330 mm
Foolscap	8"	13"
Govt. Legal	8.5"	13"
Govt. Letter	8.5"	10"
Kai 16	185 mm	260 mm
Kai 32	130 mm	185 mm
Legal	8.5"	14"
Letter	8.5"	11"
Letter Plus	8.5"	12.7"
Statement	5.5"	8.5"
UK Quarto	8"	10"
Envelopes		
B5 (ISO)	176 mm	250 mm
C5	162 mm	229 mm
C6	114 mm	162 mm
Chou 3	120 mm	235 mm
Chou 4	105 mm	235 mm
Com 10	4.125"	9.5"
DL	110 mm	220 mm
Monarch	3.875"	7.5"
Transparencies		
A4	210 mm	297 mm
Letter	8.5"	11"
Postcards		
Double Postcard	148 mm	200 mm
Japanese Postcard	100 mm	148 mm

Advanced Document Processing—Printing

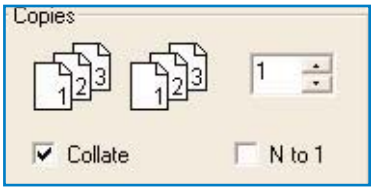
The PagePro 1380 MF/1390 MF printer driver provides several advanced document processing functions for printed documents:

- ❑ Printer-based electronic collation
- ❑ N-up printing
- ❑ Watermarks

Printer-based electronic collation

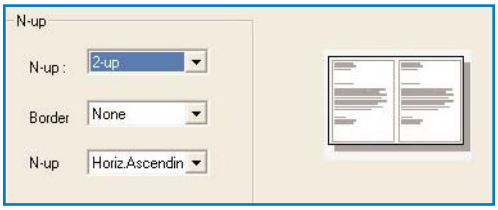
Collation refers to sorting multiple printed copies of a multi-page document into the proper order.

Printer-based electronic collation means that the document file is transmitted to the PagePro 1380 MF/ 1390 MF only once, and the sorting is done at the printer.



For example, if you want 2 collated copies of a 3-page document, on the printer driver's Paper tab you specify 2 copies and select "Collated." The document file is transmitted to the magicolor PagePro 1380 MF/1390 MF once, and the pages are printed in the order 1-2-3 (copy 1), 1-2-3 (copy 2).

N-up printing

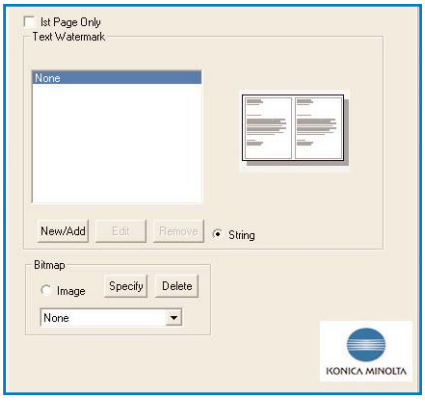


Use the N-up feature on the Layout tab to print 2, 4, or 9 pages on a single sheet.

The n-up feature allows 2, 4, or 9 pages of a multi-page document to be printed on a single sheet of media. You can also add a solid or dashed border line around each page and specify the flow of the pages across the sheet.

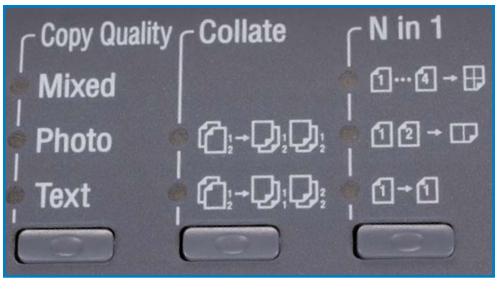
Watermarks

A **watermark** is text (a word or phrase) or an image that is repeated on each printed page. Common text watermarks such as "CONFIDENTIAL" and "DRAFT" can be added to a document—or a custom watermark can be created. The printer driver also includes selections for indicating the watermark's font, style, size, color, placement, and angle. Images include background graphics or forms. Watermarks are created, edited, and enabled on the printer driver's Setup tab.



PagePro 1390 MF

PagePro 1380 MF



Advanced document processing functions for copied documents are available through the control panel.

Advanced Document Processing—Copying

The PagePro 1380 MF and PagePro 1390 MF control panels provide advanced document processing functions for copied documents:

- ❑ Printer-based electronic collation
- ❑ N in 1 copying

Printer-based electronic collation

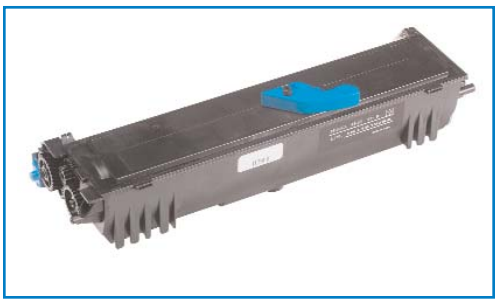
Multiple copies of multi-page originals can be sorted into sets with the pages in the proper order by using the Collate key on the control panel. The entire document is scanned into memory, and then each copy is printed with its pages in the proper order.

N in 1 copying

To save paper, use the N in 1 key on the control panel to copy 2 or 4 originals onto a single page. This key also reduces a large original to fit on the selected page size.

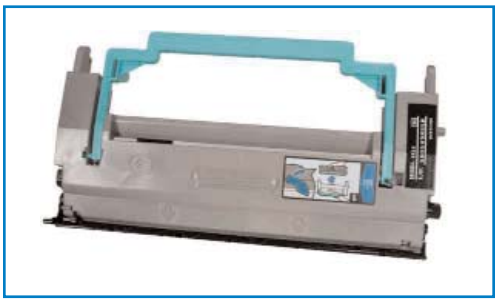
Supplies

The PagePro 1380 MF and PagePro 1390 MF use the same toner and drum cartridges as the PagePro 1350W.



Toner Cartridge

Always use toner cartridges identified as “Genuine KONICA MINOLTA.” The internal components of the PagePro 1380 MF/1390 MF are specifically designed around the parameters of genuine KONICA MINOLTA toner. Although toner cartridges from other manufacturers may fit, using them will cause the printer to initiate longer cleaning cycles (to protect itself from toners with unknown adhesion properties) and slower printing.



Drum Cartridge

The drum cartridge includes the OPC drum and the waste toner box. The waste toner box captures excess toner during the printing process and prevents engine damage from loose toner particles. An agitation screw inside the waste toner box ensures efficient waste toner storage.

In-box Supplies

The standard in-box toner cartridge contains enough toner for an average of 1,500 prints at standard 5% coverage, letter/A4-size paper, continuous printing). Also included is a full-capacity drum cartridge.

Replacement Supplies

Consumable	**Yield***
Standard-Capacity Toner Cartridge	3,000 pages
High-Capacity Toner Cartridge	6,000 pages
OPC Drum Cartridge	20,000 pages

** Supply yields are expressed as an average number of letter/A4 pages at 5% coverage. However, actual consumable life depends on such variables as page coverage, page size, media type, continuous or intermittent printing, ambient temperature, and humidity. Optimal supply life is achieved through continuous printing (three or more pages per job). Intermittent printing (one page per job) reduces supply life. Declared yield value is in accordance with ISO/IEC 19752.*

PagePro
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The control panel alerts you when supplies need to be replaced.

Supplies Monitoring

When the machine is functioning normally, the percentage of toner remaining in the toner cartridge (as a number and as a graphical representation) is displayed in the control panel message window.

The control panel also alerts you when a toner cartridge or the OPC drum cartridge is nearing the end of its life and when it needs to be replaced.

The Toner LED flashes when the toner cartridge or drum cartridge is nearing the end of its life. When the LED stays on, the toner cartridge is completely empty or the drum cartridge must be replaced.

The following messages also display in the message window.

Message	Meaning	Action
PLS replace a new Toner	The toner cartridge is empty.	Replace the toner cartridge.
[PRINTER ERROR] Toner Low	The toner cartridge is low.	Prepare a new toner cartridge.

All-in-One Management

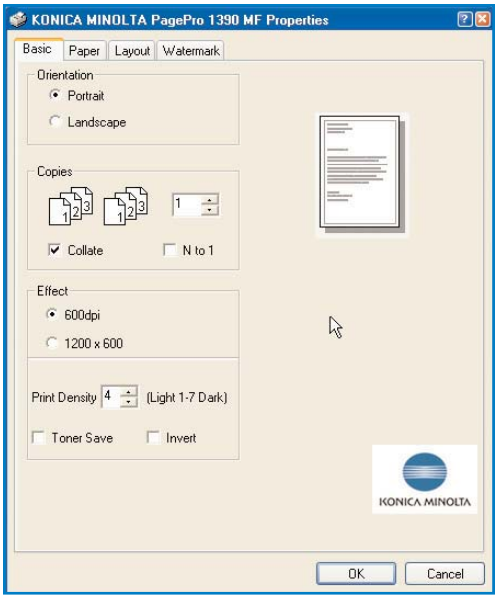
Complete control of your all-in-one at your fingertips.

Convenient Management Tools

The following tools are available to help you manage the PagePro 1380 MF/1390 MF. All functions are described in detail in the electronic documentation.

- ❑ Printer drivers
- ❑ Control Panel
- ❑ Electronic Documentation

The PagePro 1380 MF and PagePro 1390 MF *Utilities & Documentation* CD-ROMs each feature an auto-install interface that automatically guides you step-by-step through the installation process.



The PagePro 1390 MF Windows driver features a tabbed layout that conforms to Microsoft standards, making it very simple to use.

Printer Drivers

The PagePro 1380 MF and PagePro 1390 MF Microsoft-certified printer drivers support Windows XP/2000/Me/98SE. They are available in 14 languages on the CD-ROM: English, Chinese Simplified, Chinese Traditional, Czech, French, German, Hungarian, Italian, Korean, Polish, Portuguese (Brazilian), Russian, Slovak, and Spanish.

You must install a printer driver on each computer that will print to the PagePro 1380 MF/1390 MF.

PagePro 1390 MF

PagePro 1380 MF

PagePro 1390 MF only

The PagePro 1380 MF control panel is identical to the PagePro 1390 MF control panel shown above except that it doesn't include the fax keypad on the left.

Control Panel

The 2-line, 16-character LCD window of the PagePro 1380 MF/1390 MF control panel displays copy settings, machine status (including status and error messages), menus and settings options in the configuration menu, and toner supply level. The PagePro 1390 MF message window also displays fax settings.

LEDs

Nine LEDs indicate machine status and settings.

LED	Meaning
Collate	The selected collation setting is displayed.
Copy	The machine is in Copy mode.
Copy Quality	The selected copy document type setting is displayed.
Error	The machine requires attention. This is usually accompanied by a status message in the message window.
Fax	The machine is in Fax mode.
N in 1	The selected N in 1 setting is displayed.
Scan	The machine is in Scan mode.
Toner	Blinking: The toner cartridge or drum cartridge is nearing the end of its life. Solid: The toner cartridge or drum cartridge must be replaced.
Toner Save	The machine is in Toner Save Mode.

Configuration Keys

The following keys are used for machine configuration.

Menu	Enters the configuration menu.
Left and Right Keys	Move left and right through the settings in the configuration menu; specify copy density in Copy mode.
Select Key	Selects a menu or setting.

Cancel/C Key	In the configuration menu, cancels the currently displayed setting or exits from the displayed menu; in Copy mode clears the specified number of copies.
Stop/Reset Key	Exits the configuration menu or stops the current process.

The Copy function keys are located near the right side of the control panel.

Copy Function Keys

Copy Key	Enters Copy mode.
Collate Key	Sorts multiple copies into sets.
Copies	Sets the number of copies. (Each key press increments the number by 1.)
Copy Quality Keys	Selects the type of document to be copied.
Light/Dark Key	Adjusts the brightness (density) of a copy.
N in 1 Key	Specifies that 2 originals should be copied onto 1 page.
Reduce/Enlarge Key	Sets the size of the copy (25%-400%).
Start Key	Starts a copy job.

The Fax function keys are located on the left side of the control panel.

Fax Function Keys

Fax Key	Enters Fax mode.
Brightness Key	Adjusts the brightness of the document being faxed.
Keypad Keys	Used to enter numbers (such as fax numbers) and letters (such as names).
On Hook Key	Sends and receives transmissions with the receiver on the hood.
One-Touch Dial Keys	Register and recall one-touch dial numbers.
Redial/Pause Key	Recalls the last number dialed or inserts a pause when a number is dialed.
Resolution Key	Adjusts the image quality of the document being faxed.
Shift Key	Used to select one-touch dial keys 7-12.
Speed Dial/Search Key	Recalls a speed dial number.

Scan Function Keys

Scan Key	Enters Scan mode.
Scan To Key	Scans a document to a designated software application.
Start Key	Starts a scan job.

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Other Keys

Toner Save Key	Saves toner by using less toner to copy or print a document.

Electronic Documentation

Several useful manuals are included on the PagePro 1380 MF and PagePro 1390 MF *Utilities & Documentation* CD-ROMs:

- ❑ *PagePro 1380 MF Installation Guide*
  PagePro 1390 MF Installation Guide

  This short, heavily illustrated manual describes how to unpack and set up the machine and prepare it for printing and copying.

- ❑ *PagePro 1380 MF User's Guide*
  PagePro 1390 MF Printer/Copier/Scanner User's Guide

  This manual provides complete information about printing, copying, and scanning as well as maintaining the machine.

- ❑ *PagePro 1390 MF Facsimile User's Guide*

  This manual provides complete information about the PagePro 1390 MF's fax functionality.

- ❑ *PagePro 1380 MF Quick Guide*
  PagePro 1390 MF Quick Guide

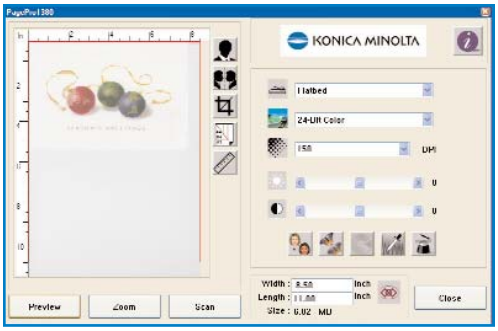
  This guide provides a brief overview of the control panel and how to copy, scan, and (PagePro 1390 MF) fax documents.

These manuals are provided in Adobe PDF format. With the free Adobe Reader, you can easily display these manuals on the computer screen, enlarge any illustrations you need to see close up, easily search for a certain word or phrase, or print part or all of the manuals. In addition, these electronic manuals can be easily stored on the hard disk of your PC or in a convenient place on the network, so they're only a click away when needed.

All of the documentation is also posted on the KONICA MINOLTA PRINTING SOLUTIONS U.S.A. Service & Support website at printer.konicaminolta.com/support

Scanning Utilities

Convert paper documents to digital documents to share or edit.



Documents and photographs can be scanned using either the TWAIN or WIA scan driver. Both are included on the Utilities & Documentation CD-ROM and are installed on the PC at the same time the PagePro 1380 MF/1390 MF printer driver is installed.

LinkMagic

LinkMagic is a KONICA MINOLTA scanning utility that provides easy access to the most frequently used scanning applications. Using LinkMagic eliminates the need to launch the specific application manually and allows you to scan documents directly to a folder on your computer. Complete usage information is included in the *User's Guide*.

PaperPort SE

The PagePro 1380 MF/1390 MF and PaperPort SE work together to provide an easy way to convert paper documents to digital documents for easy file sharing.

Saving scanned files

Scanned files can be saved in PDF, JPEG, TIFF, and other common file formats.

Touching up images

Once a document has been scanned, PaperPort SE provides a number of tools that allow it to be further customized. Image files (such as PDF, BMP, JPEG, and TIFF) can be imported directly into PaperPort SE for customization.

Image-editing tools include Rotate, Straighten and Auto Straighten, Enhance and Auto Enhance, Sharpen, Remove Red Eye, Crop, Erase, Remove Stray Dots, and Improve Lines.

Annotating pages

The PaperPort SE annotation tools allow you to add notes and text, highlight text, draw lines and arrows, and stamp bitmap images on a page. Annotations added to PDF and PaperPort Image (.max) files can be edited at a later date while annotations added to other image files become a permanent part of the image.

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1390 MF
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1380 MF

Converting scanned images to text

Scanned text documents can be easily converted to editable text by simply dragging and dropping them to a word processing program (such as Word). PaperPort SE automatically processes the scanned document, using its Optical Character Recognition (OCR) functionality, and then opens the editable text in the word processing program.

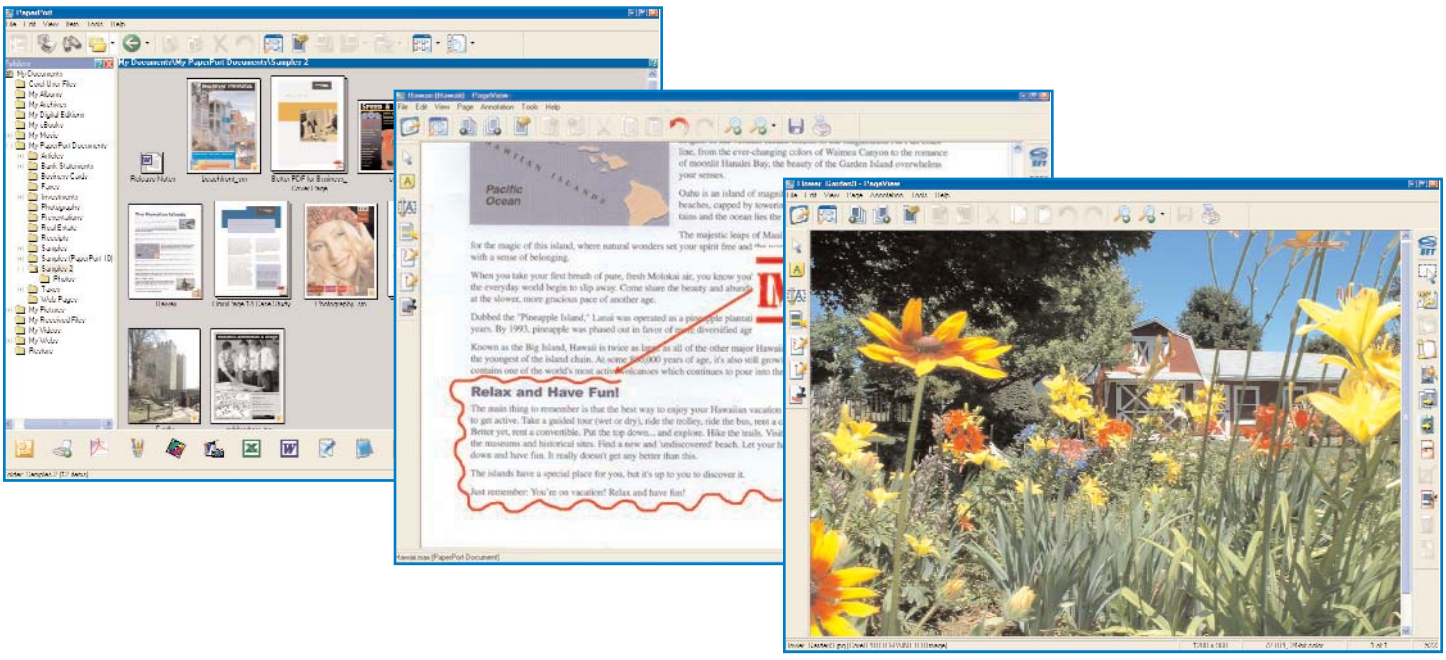
Organizing image files

The PaperPort SE visual interface makes it easy to visually organize scanned documents, digital photographs, and other image files.

The default file folders can be copied, moved, rearranged, renamed, and color coded for easy identification and classification,and new file folders can be added. Image files can be moved to any folder simply by dragging and dropping.

Once items have been organized into file folders, they can be located using the PaperPort SE SimpleSearch feature, which allows files to be searched for by name, author, added comments or keywords, and annotation text.

PaperPort SE



Faxing

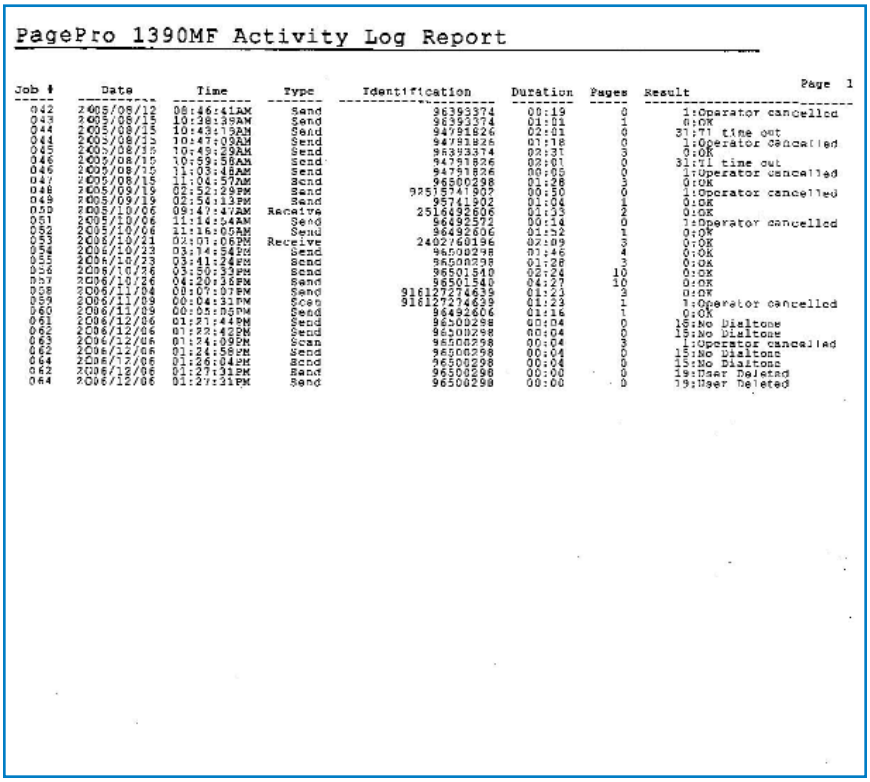
The PagePro 1390 MF provides several time-saving fax functions.

Faxes can be sent using the flatbed glass or the automatic document feeder.

Sending and Receiving Digital Documents

The PagePro 1390 stand-alone 33.6 Kbps Super G3 fax functionality features 12 one-touch dials, 100 speed dials, group dial, broadcast, and 3.5 MB of fax memory. Activity logs, memory job lists, transmission reports, and lost job reports help you monitor fax usage.

Complete information is included in the *PagePro 1390 MF Facsimile User's Guide*.



PagePro 1390MF Activity Log Report

Page 1

Job #	Date	Time	Type	Identification	Duration	Pages	Result
042	2005/08/12	08:46:41AM	Send	96393374	00:19	0	1:Operator cancelled
043	2005/08/15	10:38:39AM	Send	96393374	01:01	1	0:OK
044	2005/08/15	10:43:19AM	Send	94791826	02:01	0	31:T1 time out
045	2005/08/15	10:47:09AM	Send	94791826	01:18	0	1:Operator cancelled
046	2005/08/15	10:49:29AM	Send	96393374	02:31	3	0:OK
047	2005/08/15	10:59:58AM	Send	94791826	02:01	0	31:T1 time out
048	2005/08/15	11:03:48AM	Send	94791826	00:05	0	1:Operator cancelled
049	2005/08/15	11:04:57AM	Send	96500298	01:28	3	0:OK
050	2005/09/15	02:52:29PM	Send	9251597419O2	00:50	0	1:Operator cancelled
051	2005/09/19	02:56:13PM	Send	95741902	01:04	1	0:OK
052	2005/10/06	09:47:47AM	Receive	2516492606	01:53	2	0:OK
053	2005/10/06	11:14:54AM	Send	96492572	00:14	0	1:Operator cancelled
054	2005/10/06	11:16:09AM	Send	96492606	01:52	1	0:OK
055	2005/10/21	02:01:06PM	Receive	2402760196	02:09	3	0:OK
056	2005/10/23	03:14:54PM	Send	96500298	01:46	4	0:OK
057	2005/10/23	03:41:24PM	Send	96500338	01:28	3	0:OK
058	2006/10/26	03:59:39PM	Send	96501540	02:24	10	0:OK
059	2006/10/26	04:20:16PM	Send	96501540	04:27	10	0:OK
060	2006/11/04	00:07:07PM	Send	9161272746636	01:23	3	0:OK
061	2006/11/09	00:04:31PM	Send	9161272746636	01:23	3	0:OK
062	2006/11/09	00:05:05PM	Send	96492606	01:16	1	0:OK
063	2006/12/06	01:21:44PM	Send	96500298	00:04	0	15:No Dialtone
064	2006/12/06	01:22:42PM	Send	96500298	00:04	0	15:No Dialtone
065	2006/12/06	01:24:09PM	Scan	96500298	00:04	3	1:Operator cancelled
066	2006/12/06	01:24:58PM	Send	96500298	00:04	0	15:No Dialtone
067	2006/12/06	01:26:04PM	Send	96500298	00:04	0	15:No Dialtone
068	2006/12/06	01:27:31PM	Send	96500298	00:00	0	19:User Deleted
069	2006/12/06	01:27:31PM	Send	96500298	00:00	0	19:User Deleted

The Fax Activity Report provides the job number, date, time, type, identification, duration, page(s), and result of each fax sent.

PagePro 1390 MF

PagePro 1380 MF

Options

Increase your productivity.

50-sheet automatic document feeder.

Automatic Document Feeder (PagePro 1380 MF Only)

A 50-sheet automatic document feeder provides time-saving, unattended copying and scanning on the PagePro 1380 MF. It extends the maximum size of documents that can be scanned from 8.5" x 11.69" to 8.5" x 14".

The automatic document feeder is standard equipment on the PagePro 1390 MF.

Extended Warranties

KONICA MINOLTA provides additional warranty options for the PagePro 1380 MF and PagePro 1390 MF, including 1- and 2-year extended exchange warranties.

KONICA MINOLTA PRINTING SOLUTIONS U.S.A., INC.
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